

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115103.D
 Acq On : 22 Jun 2019 2:43
 Operator : HP/JU
 Sample : PB120818TB
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120818TB

Quant Time: Jun 22 05:32:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	254751	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	966528	20.00	ng	-0.01
39) Acenaphthene-d10	9.64	164	476733	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	947523	20.00	ng	0.00
76) Chrysene-d12	13.73	240	759007	20.00	ng	-0.02
87) Perylene-d12	15.10	264	768539	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	1624877	98.43	ng	0.01
7) Phenol-d6	6.25	99	2038473	101.74	ng	0.00
23) Nitrobenzene-d5	7.17	82	1211670	77.12	ng	-0.01
42) 2,4,6-Tribromophenol	10.42	330	550874	109.58	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2311807	82.37	ng	-0.01
79) Terphenyl-d14	12.71	244	2595619	72.71	ng	0.00

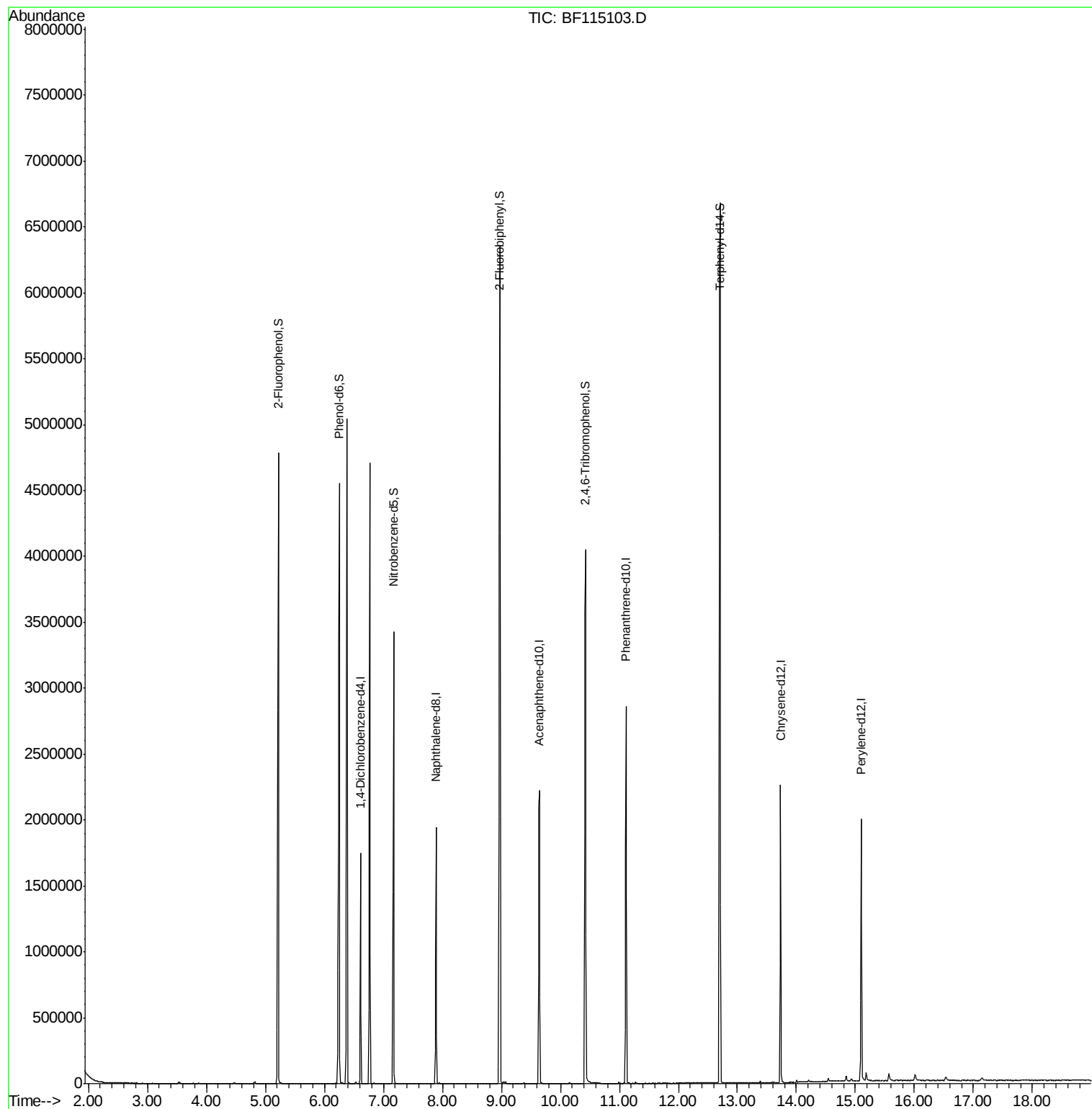
Target Compounds Qvalue

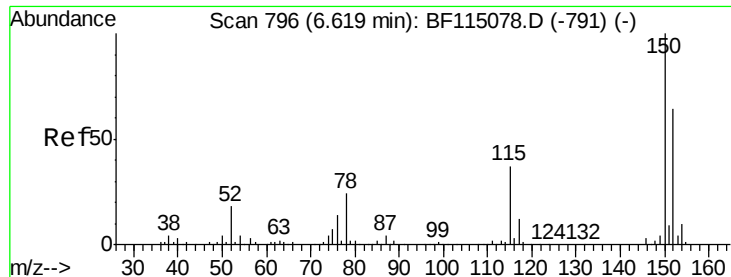
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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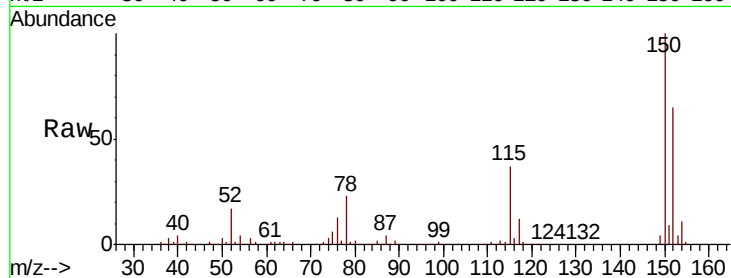


#1

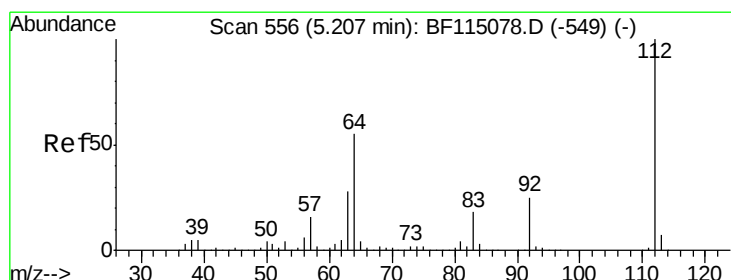
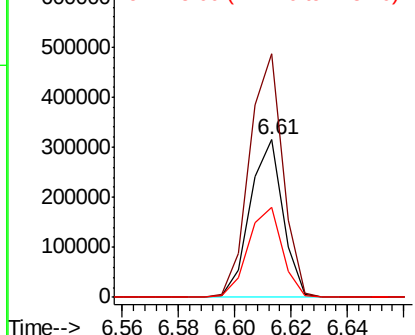
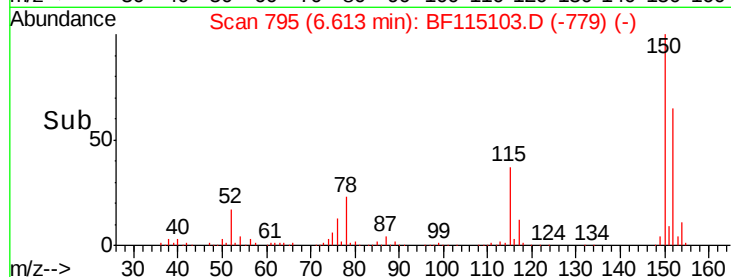
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tot Ion:152 Resp: 254751
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 57.2 46.1 69.1



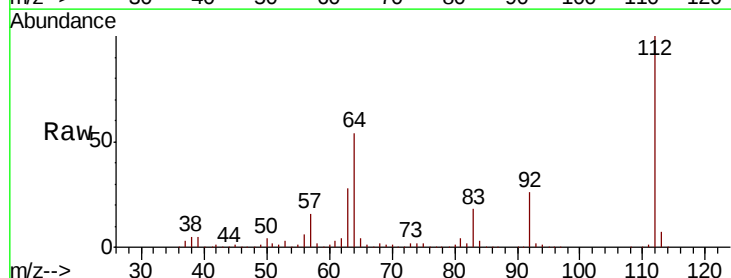
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



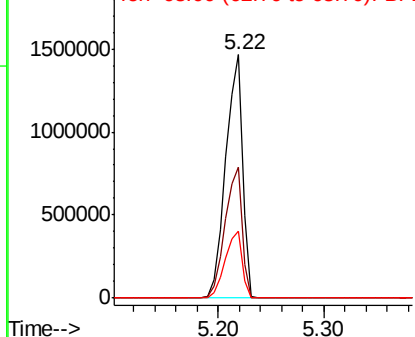
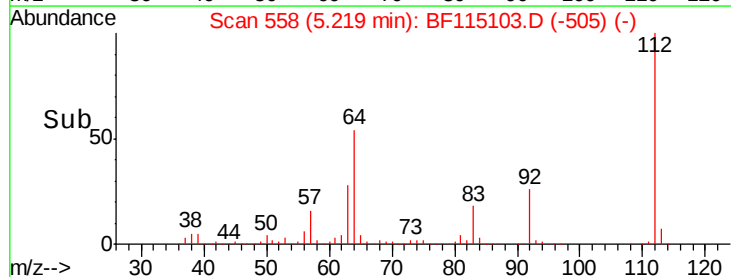
#5

2-Fluorophenol
Concen: 98.428 ng
RT: 5.22 min Scan# 558
Delta R.T. 0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:112 Resp: 1624877
Ion Ratio Lower Upper
112 100
64 53.8 43.8 65.6
63 27.6 22.2 33.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 101.735 ng

RT: 6.25 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF115103.D

Acq: 22 Jun 2019 2:43

Instrument :

BNA_F

ClientSampleId :

PB120818TB

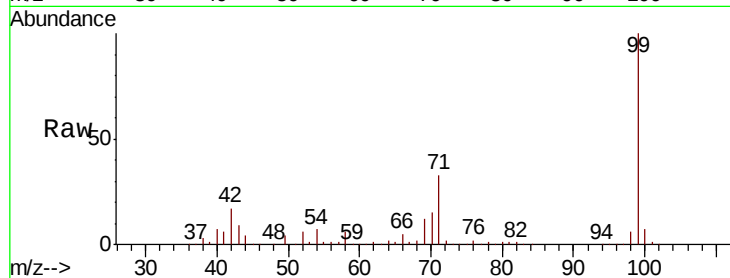
Tot Ion: 99 Resp: 2038473

Ion Ratio Lower Upper

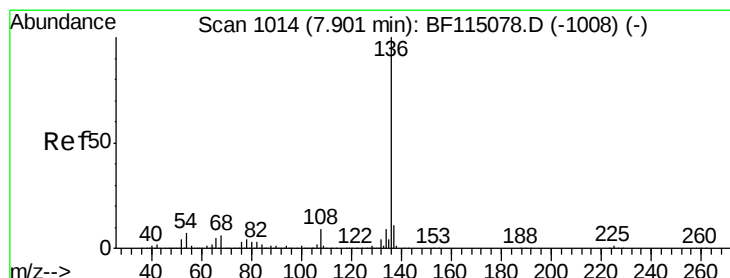
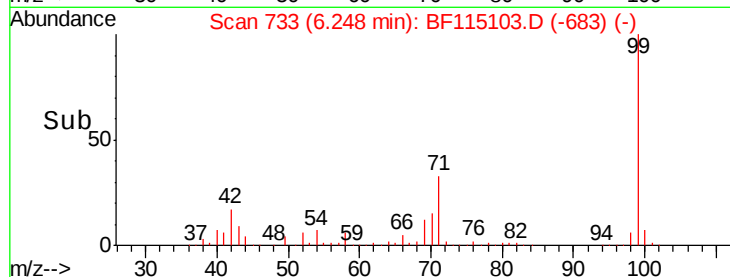
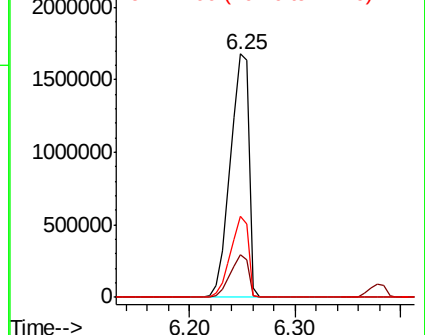
99 100

42 17.3 13.6 20.4

71 33.1 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.89 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF115103.D

Acq: 22 Jun 2019 2:43

Tgt Ion: 136 Resp: 966528

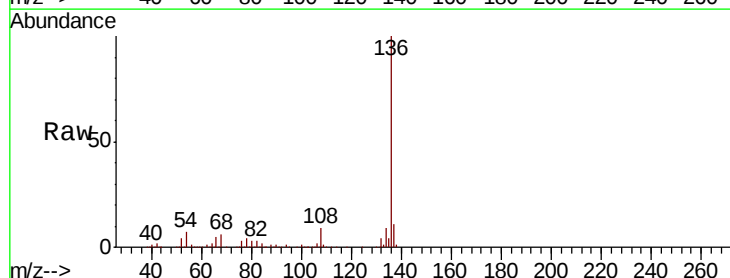
Ion Ratio Lower Upper

136 100

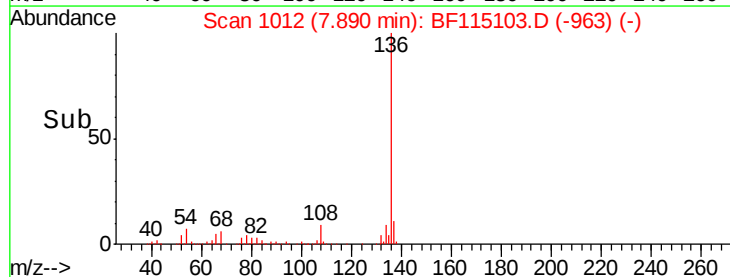
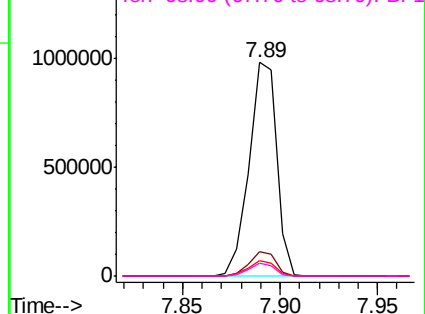
137 11.3 8.9 13.3

54 7.4 5.6 8.4

68 6.3 4.8 7.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 77.118 ng

RT: 7.17 min Scan# 890

Delta R.T. -0.01 min

Lab File: BF115103.D

Acq: 22 Jun 2019 2:43

Instrument :

BNA_F

ClientSampleId :

PB120818TB

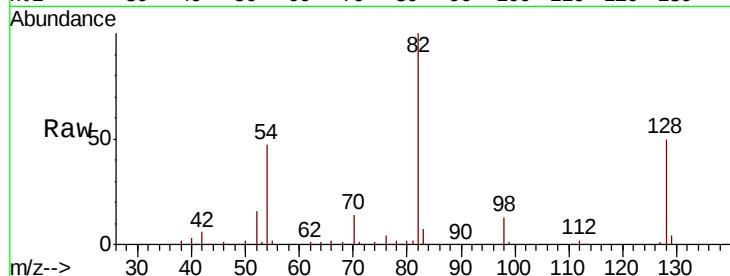
Tot Ion: 82 Resp: 1211670

Ion Ratio Lower Upper

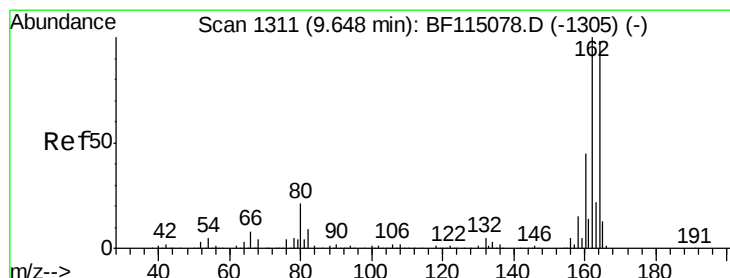
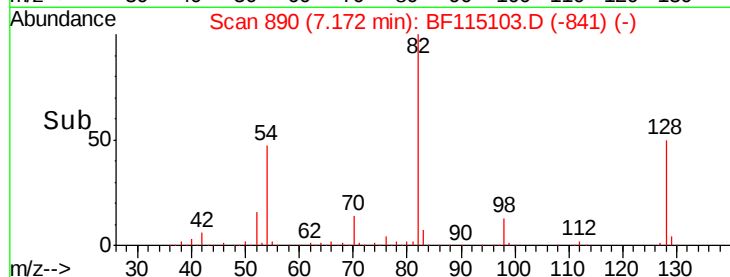
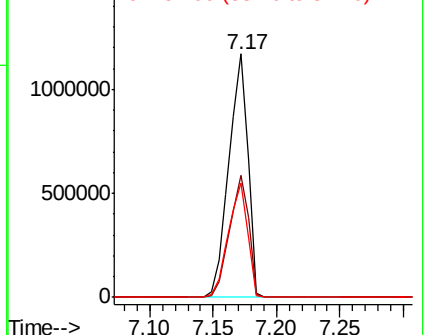
82 100

128 49.9 40.4 60.6

54 47.2 37.5 56.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.64 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BF115103.D

Acq: 22 Jun 2019 2:43

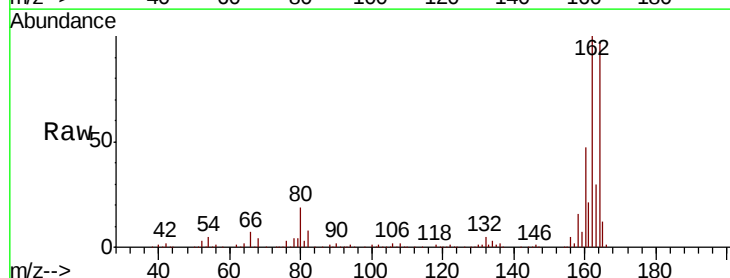
Tgt Ion:164 Resp: 476733

Ion Ratio Lower Upper

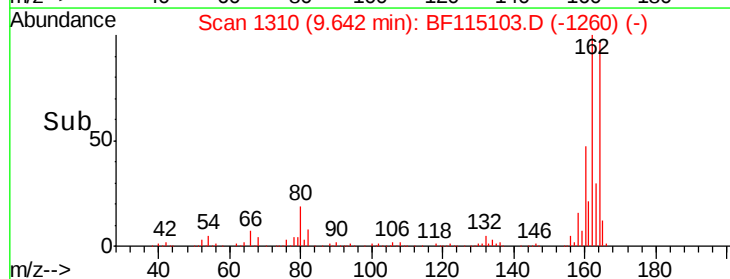
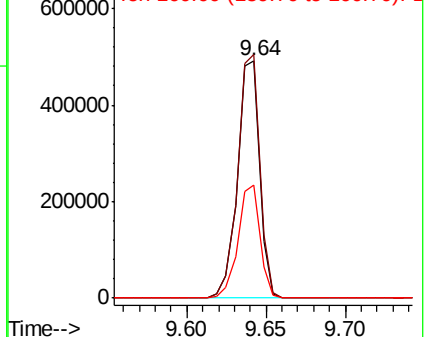
164 100

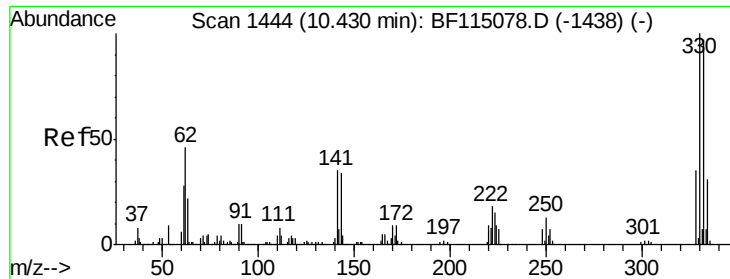
162 102.6 81.7 122.5

160 47.7 37.0 55.4



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

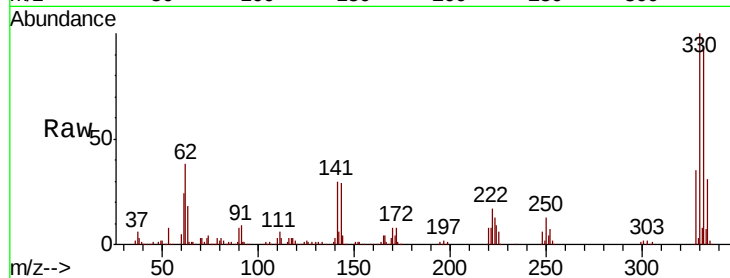




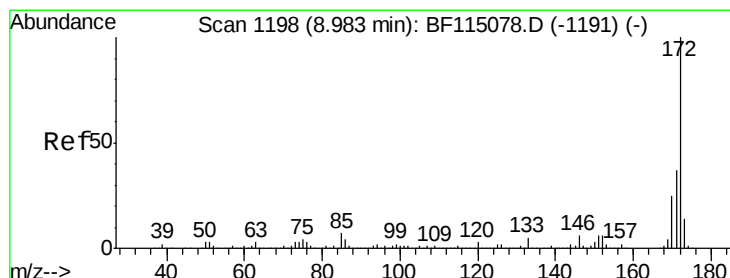
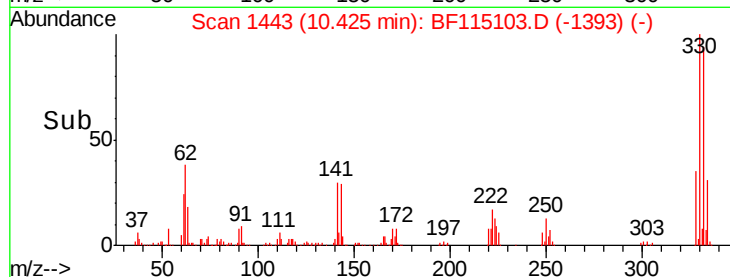
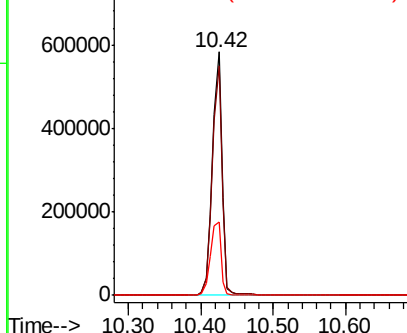
#42
 2,4,6-Tribromophenol
 Concen: 109.576 ng
 RT: 10.42 min Scan# 1443
 Delta R.T. -0.01 min
 Lab File: BF115103.D
 Acq: 22 Jun 2019 2:43

Instrument :
 BNA_F
 ClientSampleId :
 PB120818TB

Tot Ion:330 Resp: 550874
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.3 115.9
 141 33.5 28.2 42.2

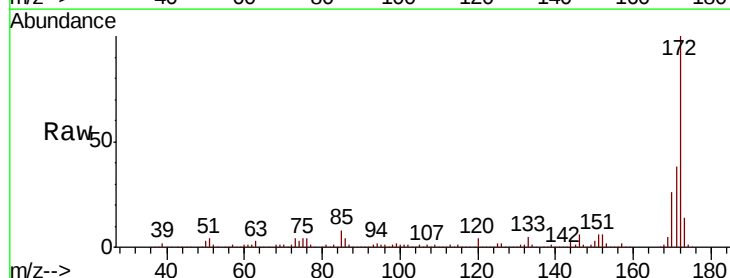


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

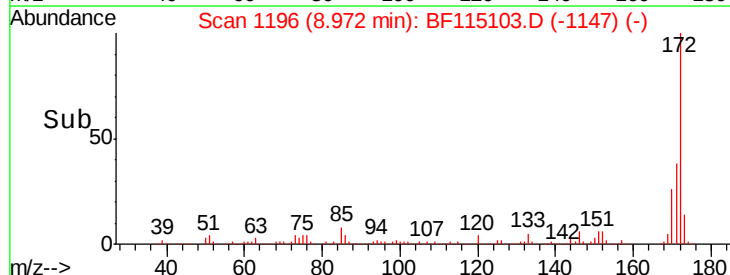
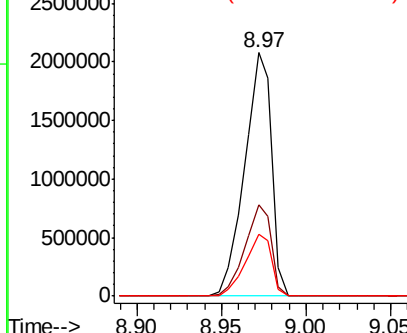


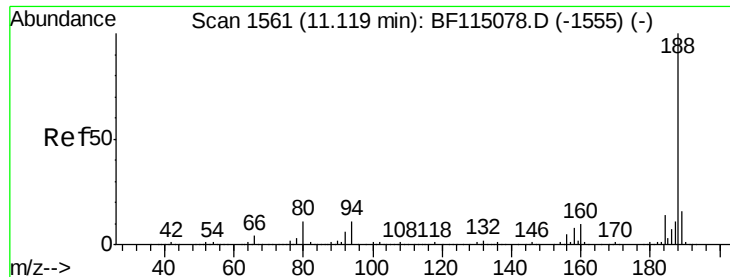
#45
 2-Fluorobiphenyl
 Concen: 82.371 ng
 RT: 8.97 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF115103.D
 Acq: 22 Jun 2019 2:43

Tgt Ion:172 Resp: 2311807
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 25.5 20.3 30.5



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

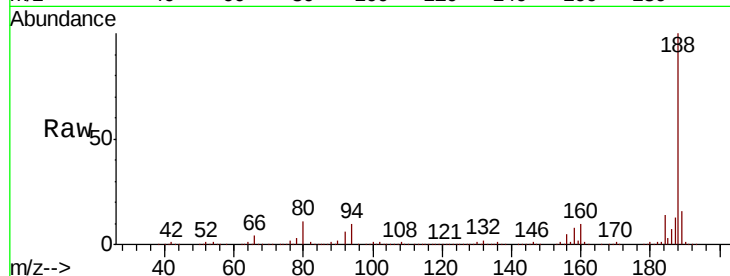




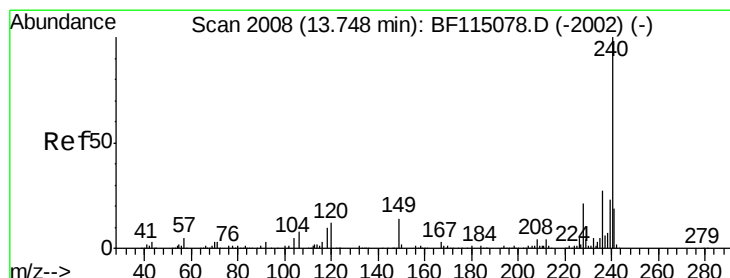
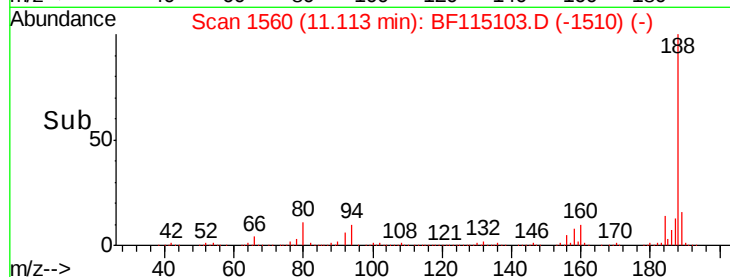
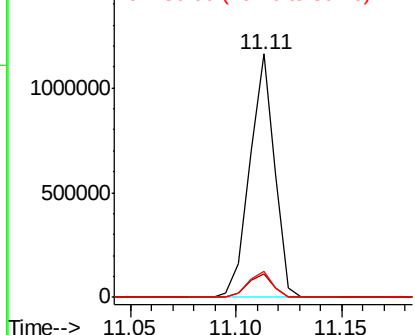
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.11 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Instrument :
BNA_F
ClientSampleId :
PB120818TB

Tot Ion:188 Resp: 947523
Ion Ratio Lower Upper
188 100
94 9.8 8.6 12.8
80 10.6 8.8 13.2

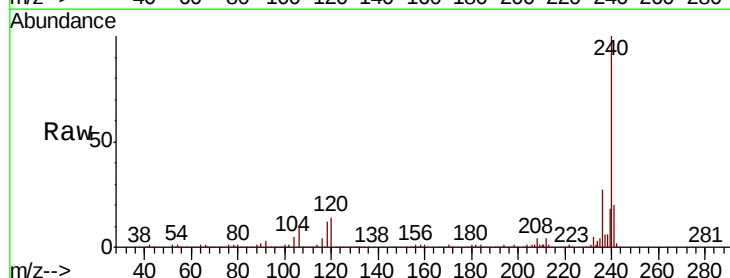


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

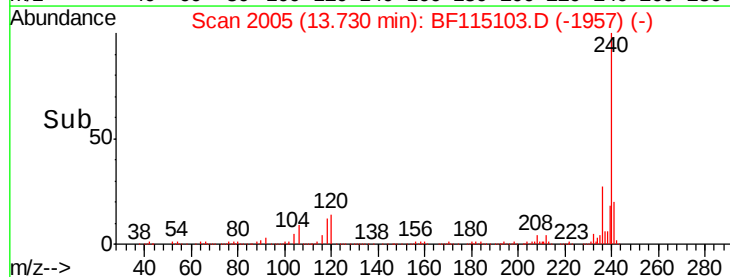
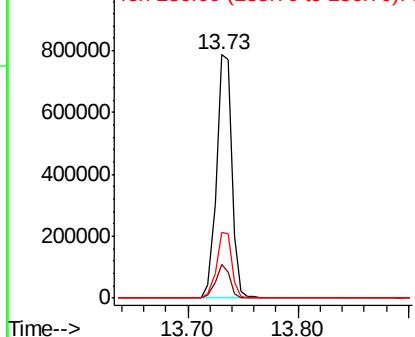


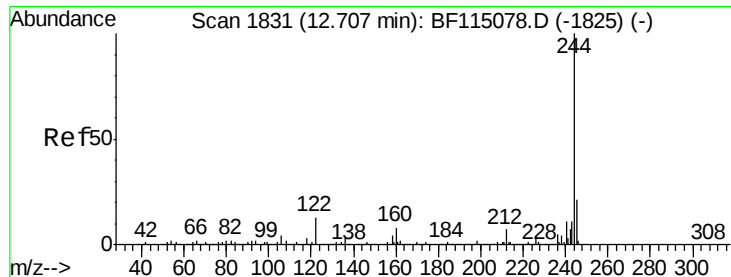
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF115103.D
Acq: 22 Jun 2019 2:43

Tgt Ion:240 Resp: 759007
Ion Ratio Lower Upper
240 100
120 13.8 9.4 14.2
236 27.1 21.7 32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 72.709 ng

RT: 12.71 min Scan# 1831

Delta R.T. 0.00 min

Lab File: BF115103.D

Acq: 22 Jun 2019 2:43

Instrument :

BNA_F

ClientSampleId :

PB120818TB

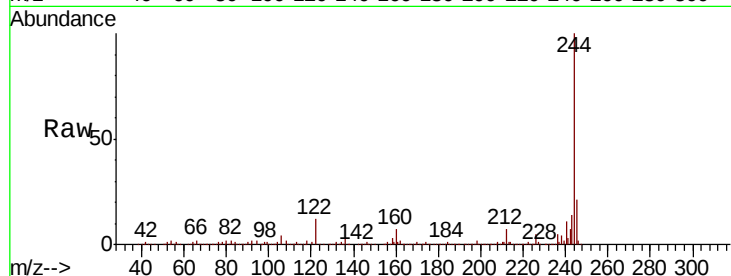
Tot Ion:244 Resp: 2595619

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.6

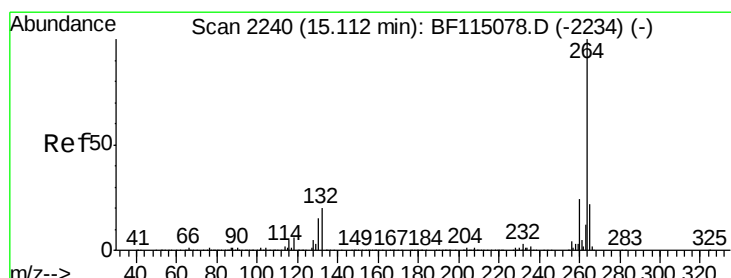
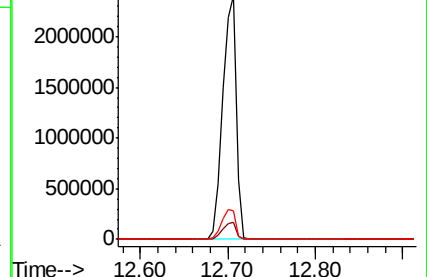
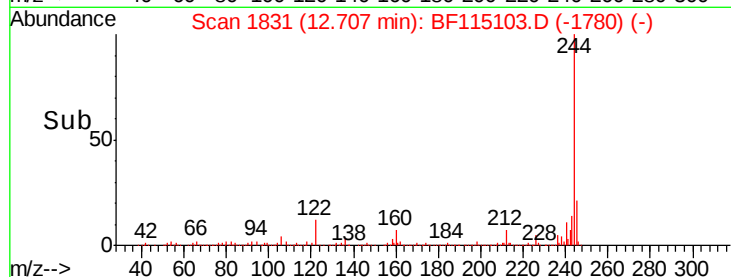
122 11.5 10.4 15.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.10 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BF115103.D

Acq: 22 Jun 2019 2:43

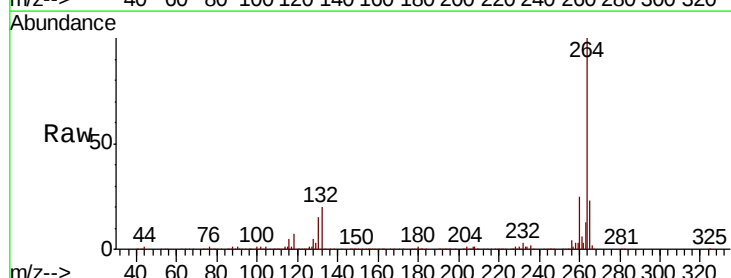
Tgt Ion:264 Resp: 768539

Ion Ratio Lower Upper

264 100

260 25.0 19.6 29.4

265 22.7 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

